

REMARKS

With this Amendment, Claims 1 and 23 are cancelled. New Claims 28-124 are added. Support for these claims can be found generally throughout the specification. After entry of this amendment, Claims 28-124 are pending.

The specification is herein amended to merely to embody the formal matter in the specification, without changing the scope thereof. The amendments to the specification do not contain new subject matter. Support for the additions to the specification is found in the original amended claims.

VERSION WITH MARKINGS TO SHOW CHANGES MADE

In accordance with 37 C.F.R. 1.121(b), the following replacement pages and lines show all the changes made by the forgoing amendment relative to the previous version of the pages and lines. Please amend the specification by deleting the bracketed words and inserting the underlined words as indicated.

In the Specification

Please insert the following paragraph below the title on page 10, line 1:

-- This application claims priority to PCT/EP00/00876, filed February 3, 2000.--

The paragraph beginning on page 12, line 1, and ending on page 12, line 2, is amended as follows:

-- For the solution of this problem, a method according to the invention is provided according to original amended Claim 1. Claim 1 provided a method for the detection of analytes in a sample, where analyte-specific binders (15) are immobilized in a plurality of detection fields (5,7) located on one of the planar faces of a disk-shaped substrate (3), then the samples are contacted with the detection fields (5, 7), and subsequently the presence and/or the quantity of the analytes (17) to be detected is (are) determined by optical evaluation of the detection fields (5,7), where a substrate (3) prepared from an optically transparent material is used and where the detection fields (5,7) are arranged along at least one spiral line to (27) and/or a plurality of concentric circular lines on the substrate (3), characterized in that, after contacting the sample with the detection fields (5,7), an optical reflecting layer (21) is applied over the detection fields (5,7) on the planar face of the substrate (3) which carries detection fields (5,7). --

The paragraph beginning on page 19, line 17, and ending on page 19, line 18, is amended as follows:

-- Furthermore, the invention relates to a support according to original amended Claim 18, which is intended for use in the above-explained method. Claim 18 provided a support for use with the method according to one of original Claims 1-17, comprising a disc-shaped substrate (3) made of an optically transparent material, to one of whose planar sides analyte-specific binders (15) are immobilized in a plurality of detection fields (5,7), where the detection fields (5,7) are arranged along at least one spiral line (27) and/or a plurality of concentric circular lines on the substrate (3), characterized by a reflecting layer (21) being flatly applied over the detection fields (5,7), on the planar face of the substrate which carries the detection fields, after contacting the sample with the detection fields (5,7). --

The paragraph beginning on page 19, line 19, and ending on page 19, line 20, is amended as follows:

-- According to an additional aspect a method according to original amended Claim 23 is provided according to the invention. Claim 23 provided a method for the detection of analytes in a sample, in which analyte-specific binders are immobilized in a plurality of detection fields on at least one of the planar faces of a disc-shaped substrate, then the sample is contacted with the measurement fields, and subsequently the presence and/or the quantity of the analytes to be detected is (are) determined by evaluation of the detection fields, where the detection fields are magnetically evaluated and, for that purpose, binders, or the analytes to be detected, are labeled with magnetic and/or magnetizable labels and the detection fields are arranged along a plurality of concentric circular lines and/or along at least one spiral line on the substrate, characterized in that, prior to the formation of the detection fields or after contacting the sample with the detection fields, a magnetic layer containing magnetic and/or magnetizable particles is flatly applied over each planar face of the substrate which carries detection fields. --

In the Claims

Claims 1 and 23 have been cancelled.

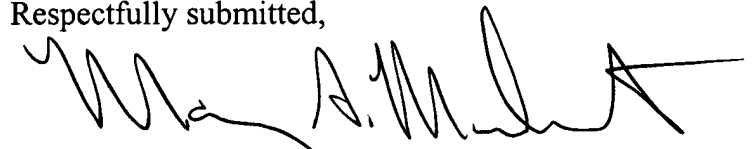
New Claims 28-124 have been added.

CONCLUSION

In view of the above amendments and remarks, Applicant respectfully asserts that all claims are in a condition for allowance and requests that a timely notice of allowance be issued. If issues may be resolved through Examiner's Amendment, or clarified in any manner, a call to the undersigned attorney at (404) 815-6500 is respectfully requested.

No fees are believed due; however, the Commissioner is hereby authorized to charge any deficiencies which may be required, or credit any over payment, to deposit account No. 11-0855.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Mary Anthony Merchant', with a long horizontal stroke extending to the right.

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